

Publikationsliste

Originalarbeiten

1. **Zhang L**, Schmidt FH, Cantre D, Brenzel R, Ehrt K, Großmann W, Langner S, Mlynski R. The predictive value of preoperative measurements of cochlear nerve diameters from MRT and postoperative speech perception in adult patients with cochlear implant. Otol Neurotol. 2024 Sep. 6 doi: 10.1097/MAO.0000000000004293. online ahead of print.
a. **Impact Factor: 1.9**
2. Schmidt FH*, **Zhang L***, Glabasnia MW, Schurzig D, Ehrt K, Cantre D, van Bonn-Ytrehus SM, Großmann W, Mlynski R. Systematic overestimation of the angular insertion depth of electrode arrays in cochlear implantation (CI) patients with small cochlea by imaging processing software. Otol Neurotol. 2024 Aug. 2. doi: 10.1097/MAO.0000000000004294. (* **geteilte Erstautorenschaft**)
a. **Impact Factor: 1.9**
3. Schmidt FH, Dörmann A, Ehrt K, Grossmann W, Mlynski R, **Zhang L**. The curvature quantification of wave I in auditory brainstem responses detects cochlear synaptopathy in human beings. Eur Arch Otorhinolaryngol. 2024 Sep; 281(9):4735-4746. doi: 10.1007/s00405-024-08699-6. (**Letzteautor**)
a. **Impact Factor: 1.9**
4. **Zhang L**, Schmidt FH, Oberhoffner T, Ehrt K, Cantre D, Großmann W, Schraven SP, Mlynski R. Transimpedance matrix can be used to estimate electrode positions intraoperatively and to monitor their positional changes postoperatively in cochlear implant (CI) patients. Otol Neurotol. 2024 Apr 1;45(4):e289-e296. doi: 10.1097/MAO0000000000004145.
a. **Impact Factor: 1.9**
5. Ji H*, **Zhang L***, Hussain HMJ, Aftab A, Yu H, Xiao M. Novel cis compound heterozygous variants in MYO6 causes early onset of non-syndromic hearing loss in a Chinese family. Front Genet. 2024 Jan 11;14:1275633. doi: 10.3389/fgene.2023.1275633. (* **geteilte Erstautorenschaft**).
a. **Impact Factor: 2.8**
6. Heeringa AN*, **Zhang L***, Ashida G, Beutelmann R, Steenken F, Köppl C. Temporal coding of single auditory nerve fibers is not degraded in aging gerbils. J. Neurosci. 2020 Jan 8; 40(2):343-354. doi: 10.1523/JNEUROSCI.2784-18.2019 (* **geteilte Erstautorenschaft**)
a. **Impact Factor: 6.074**
7. **Zhang L**, Engler S, Koepcke L, Steenken F, Koepl C. Concurrent gradients of ribbon volume and AMPA-receptor patch volume in cochlear afferent synapses on gerbil inner hair cells. Hear Res. 2018 Jul;364:81-89. doi: 10.1016/j.heares.2018.03.028.
a. **Impact Factor: 2.064**
8. **Zhang L**, Gao N, Yin Y, Yang L, Chen Y, Dai P, Zhang T. The bone conduction hearing in congenital aural atresia. Eur Arch Otorhinolaryngol. 2016(273) 7:1697-1703. doi: 10.1007/s00405-015-3727-1.
a. **Impact Factor: 1.678**

9. **Zhang L**, Tong B, Wang Z, Sha Y, Zhang F, Lao Z, Zhang T. A comparison. Of three MDCT-processing protocols: preoperative assessment of the ossicular chain in otitis media. *Eur Arch Otorhinolaryngol*. 2014 Mar;271(3):445-54. doi: 10.1007/s00405-013-2415-2.
a. Impact Factor: 2.391
10. Schmidt FH, Hocke T, **Zhang L**, Großmann W, Mlynski R. Tone decay reconsidered: preliminary results of a prospective study in hearing-aid users with moderate to severe hearing loss. *J Clin Med*. 2024 Jan 16;13(2):500. doi: 10.3390/jcm13020500.
a. Impact Factor: 3.9
11. Tuft B, **Zhang L**, Xu L, Hangartner A, Hansen M, Guymon A. Material stiffness effects on neurite alignment to photopolymerized micropatterns. *Biomacromolecules*. 2014, 15:3717-3727. doi: 10.1021/bm501019s.
a. Impact Factor: 5.750
12. Steenken F, Herringa AN, Beutelmann R, **Zhang L**, Bovee S, Klump GM, Köppl C. Age-related decline in cochlear ribbon synapses and its relation to different metrics of auditory-nerve activity. *Neurobiol Aging*. 2021;108:133-145. doi: 10.1016/j.neurobiolaging.2021.08.019.
a. Impact Factor: 5.133
13. Bassiouni M, **Zhang L**, Olze H, Dommerich S. Incus dislocation and traumatic tympanic membrane perforation as a complication of middle cranial fossa repair of tegmen dehiscence. *Ear Nose Throat J*. 2020 May;101(4):224-225. doi: 10.1177/0145561320950595.
a. Impact Factor: 1.3
14. Stölzel K, **Zhang L**, Borowski T, Olze H, Schroeder T, Eckardt KU, Nee J. Sepsis nach elektiver Septumplastik und Nasenmuschelverkleinerung. *Laryngo-Rhino-Otol*. 2019;98:517-574. doi: 10.1055/a-0889-8532 (Deutsch).
a. Impact Factor: 1.0
15. Skusa C, Skusa R, **Zhang L**. Cervikal necrotizing fasciitis of odontogenic origin. *Dtsch Arztebl Int* 2022;119:631. doi: 10.3238/arztebl.m2022.0159. (Deutsch).
a. Impact Factor:
16. **Zhang L**, Chen Y, Zhang T. Three-stage surgery of combining auricle reconstruction, meatoplasty and tympanoplasty for patients with congenital micro-atresia. *Chin J Otorhinolaryngo Head Neck Surg*. 2015;50(3):197-202. PMID:26268491. (Chinesisch)
a. Impact Factor: 0.166
17. **Zhang L**, Kang H, Zhang T, Sha Y, Chi F, Tan L, Fu Y, Jin L. Uncommon thyroglossal duct cyst with inward tendency: a recommendation regarding ingrowth type. *Int J Pediatr Otorhinolaryngol*. 2012 Mar;76(3):322-6. doi: 10.1016/j.ijporl.2011.11.006.
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a. Impact Factor: 1.473
19. **Zhang L**, Sha Y, Wang Z, Luo D, Huang W, Dai P, Zhang T. 3D image of the middle ear ossicles: three protocols of post-processing based on multislice computed tomography. *Eur Arch Otorhinolaryngol*. 2011 May;268(5):677-83. doi: 10.1007/s00405-010-1441-6.
a. Impact Factor: 1.682

20. Tong B, **Zhang L**, Fang R, Sha Y, Chi F. 3D images based on MDCT in evaluation of patients with suspected foreign body aspiration. Eur Arch Otorhinolaryngol. 2013 Mar;270(3):1001-7. doi: 10.1007/s00405-012-2279-x.
a. **Impact Factor: 1.608**
21. **Zhang L**, Hong R, Dai C, Chi F, Sha Y. CT multiplane reconstruction images of superior semicircular canal dehiscence syndrome. Chin J Otorhinolaryngol Head Neck Surg, 2009 Sep;44(9):736-8. PMID: 20079096. **(Chinesisch)**
a. **Impact Factor: -**
22. **Zhang L**, Sha Y, Hong R, et al. The characteristic of superior semicircular canal dehiscence syndrome of multi-slice CT. Chin J Radiol, 2009;43(10):1027-1030. **(Chinesisch)**
a. **Impact Factor: -**
23. **Zhang L**, Hong R, Wang Z, et al., The evaluation of the integrity of the ossicles of the otitis media using MSCT volume rendering. Chinese Journal of Ophthalmology and Otorhinolaryngology. 2010;10(3):150-151. **(Chinesisch)**
a. **Impact Factor: -**
24. Hong R, **Zhang L**, Wang Z, and et al. The Value of Multi-planar reformation HRCT in displaying the ossicles destroyed by chronic otitis media with cholesteatoma. Chineses Journal of Ophthalmology and Otorhinolaryngology. 201;10(3):152-153. **(Chinesisch)**
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Peer Reviews

1. **Zhang L**, Zhang T, Dai P, Luo D. Titanium versus non-titanium prostheses in ossiculoplasty: a meta-analysis. Acta Otolaryngol. 2011 Jul;131(7):708-15. doi: 10.3109/00016489.2011.556662.
a. **Impact Factor: 0.830**
2. **Zhang L**, Sha Y, Dai C. Another etiology for vertigo due to idiopathic lateral semicircular canal bony defect. Auris Nasus Larynx. 2011 Jun;38(3):402-5. doi: 10.1016/j.anl.2010.11.003.
a. **Impact Factor: 0.761**
3. **Zhang L**, Zhang F, Sha Y. Different diagnosis of the tumor involving foramen jugulare. Journal of Clinical Radiology. 2009;(8):1170-1173. **(Chinesisch)**.
a. **Impact Factor: -**
4. Zhang F, Sha Y, **Zhang L**, and et al. CT and MRI diagnosis of primary middle ear carcinoma invading jugular foramen. Chin J Radiol. 2011;45(11):1028-1031. **(Chinesisch)**.
a. **Impact Factor: -**

Buchkapitel:

1. **Zhang L**, et al. in Sha Y, Luo D, Li H, Wang Z, Xian J (Eds), Kopf and Hals Bild, People's Medical Publishing House, Peking 2013, 54-70, 122-131. ISBN 978-7-117-19090-0/R.18091. **(Chinesisch)**
a. **Impact Factor: -**

Zitierfähige Abstracts

1. Stauga P, Schmidt F, Zhang L, Ehrt K, van Bonn-Ytrehus SM, Großmann W, Mlynski R. (2024). "Objektive Beurteilung des Sprachverstehens von CI-Patienten durch Ableitung der Mismatch Negativity" *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784249.
2. Glabasnia MW, Schmidt FH, Zhang L, Ehrt K, van Bonn-Ytrehus SM, Großmann W, Mlynski R. (2024). "Using OTOPLAN to estimate the angular insertion depth for patients with a FLEXsoft electrode array from MED-EL." *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784842.
3. Mißler D, Zhang L, Schmidt FH, Ehrt K, Großmann W, Mlynski R. (2024). "Kann die sprachinduzierte Mismatch-Negativität als Biomarker für Hidden hearing loss bei erwachsenen Menschen dienen?" *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784273.
4. Schmidt FH, Bonk H, Zhang L, Ehrt K, van Bonn-Ytrehus SM, Großmann W, Mlynski R. (2024). "Wahrnehmung des Tieftonbereichs nach Cochlea Implantat versorgung mit hoher cochleärer Abdeckung." *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784245.
5. Zhang L, Brenzel R, Schmidt FH, Ehrt K, Cantre D, Großmann W, Mlynski R. (2024). "The preoperative measurements of auditory nerve diameters from MRT predict postoperative speech perception in adult patients with cochlear implantation (CI)." *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784543.
6. Glabasnia MW, Schmidt FH, Zhang L, Ehrt K, van Bonn-Ytrehus SM, Großmann W, Mlynski R. (2024). "Schätzung der angularen Insertionstiefe durch OTOPLAN für den FLEXsoft-Elektrodenträger von MED-EL." *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784202.
7. Großmann W, Gommlich L, Zhang L, Schmidt FH, Mlynski R. (2024). "Evaluating cochlear implant outcome- which factors influence the subjective hearing impairment?" *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784844.
8. Schmidt FH, Bonk H, Zhang L, Ehrt K, van Bonn-Ytrehus SM, Großmann W, Mlynski R. (2024). "Pitch perception at low frequency range in patients after cochlear implantation (CI) with high cochlear coverage" *Laryngo-Rhino-Otologie*. 103. doi: 10.1055/s-0044-1784893.
9. Zhang L, Schmidt FH, Dörmann A, Ehrt K, Mlynski R. (2023). "Die Krümmungsberechnung der Welle I in der BERA detektiert eine versteckte cochleäre Synaptopathie." *Laryngo-Rhino-Otologie*. 102. doi: 10.1055/s-0043-1766822.
10. Ehrt K, Schmidt FH, Zhang L, Glabasnia WM, Schraven S, Mlynski R. (2023). "Bietet OTOPLAN wesentliche Vorteile für die präoperative chirurgische Planung einer Cochlea-Implantation?" *Laryngo-rhino-Otologie*. 102. doi: 10.1055/s-0043-1766719.
11. Schmidt FH, Zhang L, Ehrt K, Schraven S, Mlynski R. (2023). "Verwendung der Transimpedanzmatrix zur intraoperativen Schätzung der Elektrodenposition und zum postoperativen Monitoring von Lageveränderungen." *Laryngo-Rhino-Otologie*. 102. doi: 10.1055/s-0043-1766766.
12. Wakonig KM, Arens P, Lerchbaumer M, Zhang L, Fischer T, Olze H, Dommerich S. (2021). "The role of multimodal ultrasound in the characterization of parotid gland lesions." *Laryngo-Rhino-Otologie*. 100. doi: 10.1055/s-0041-1727662.